

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

**FILE** P.I.# 0000519  
STP00-0000-00(519)

**OFFICE** Design Policy & Support

Worth County

GDOT District 4 - Tifton

**DATE** 8/18/2017

SR 133 from North of Colquitt County Line  
to North of SR 112-

Widening & Improvements

**FROM**  for Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

**DISTRIBUTION:**

Hiral Patel, Director of Engineering  
Joe Carpenter, Director of P3  
Albert Shelby, Director of Program Delivery  
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator  
Kim Nesbitt, Program Delivery Administrator  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Eric Duff, State Environmental Administrator  
Bill DuVall, State Bridge Engineer  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Attn: Joshua Taylor, Design Group Manager  
Benny Walden, Statewide Location Bureau Chief  
Ritchie Swindell, District Engineer  
Brent Thomas, District Preconstruction Engineer  
Dennis Carter, District Planning & Programming Engineer  
Derrick Wilkerson, Area Engineer - D4, A5  
Christy Lovett, Project Manager  
BOARD MEMBER - 8th Congressional District

Rec'd: 8-2-2017  
KLP

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP00-0000-00(519), Worth County  
P.I. No. 0000519  
SR 133 FM N of Colquitt Co line to N of SR 112

OFFICE Program Delivery

DATE July 17, 2017

FROM Kimberly Nesbitt., State Program Delivery Administrator

TO Office of Design Policy and Support (via Concepts Reports mailbox)

SUBJECT: **Submittal – Location and Design (L&D) Report**

The Office of Program Delivery hereby submits the attached Location and Design (L&D) Report for your review and approval.

If any additional information is needed, please contact Christy Lovett at 912-530-4420.

*SLM*  
AVS:CLB:DGM:CSL

Attachments: Preconstruction Status Report, Completed Location & Design approval request

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**LOCATION AND DESIGN REPORT**

**FILE** 0000519  
STP00-0000-00(519)  
Worth County  
SR 133 FM N of Colquitt Co line to N of SR 112

**OFFICE** Program Delivery  
**DATE** July 13, 2017

**FROM** Kimberly Nesbitt, State Program Delivery Administrator

**TO** Brent Story, State Design Policy Engineer  
Attn: Dave Peters, State Conceptual Design Group Manager

**SUBJECT** Request for Location and Design Approval

**Description and Project Proposal:** This project consists of widening and reconstruction of 7.55 miles of SR 133 from the existing two lane road to a 2 lane divided road. The project begins immediately north of the Colquitt County Line approximately 3 miles north of Doerun and ends 0.75 miles North of SR 112 approximately 2 miles north east of Bridgeboro. The project lies entirely within Worth County.

The design speed will be 65 mph from the beginning to the end of the project.

The typical section will be a typical rural section with 12' lanes, 10' shoulders, and 32' median on the main alignment.

**Concept Approval Date:** Concept March 5, 2007 and Revised Concept May 21, 2011

**Concept Update:** N/A

**Environmental Document:** This is a state-funded project and does not require a GEPA document.

**Public Involvement:**

- Public Information Open House was held August 11, 2016 at two locations: Doerun Elementary School and Okapilco Elementary School
- The PIOHs were for PI No. 0000473, 0000475, 0000519, and 0000520 Colquitt, Dougherty and Worth Co
- A total of 306 people attended the open houses for all four projects. Of the 237 respondents who formally commented, 81 were in support of the projects, 19 were opposed, 8 were uncommitted, and 72 expressed conditional support.

- "Relocating the existing SR 133 and Old Albany Road intersection would place the new intersection with a hill to the left, which would not allow drivers the opportunity to see approaching vehicles."
- "What happens to the roadway that is proposed to be abandoned (Old Albany Road near the SR 133 intersection)?"
- "I support what you currently propose for the SR 112/SR 133 intersection."
- "I do not believe a concrete median at SR 112 and SR 133 is safer. I would like to see a study performed to determine the safest options for the SR 112/SR 133 intersection."
- "The intersection of SR 112 and SR 133 needs a traffic light and a slower speed limit."

**Consistency with Approved Planning:** The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

**Recommendations:** Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur: Hilbert  
GDOT Director of Engineering

Approve: Margaret B. Pikel 8.11.17  
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: August 18, 2017  
(To be entered by State Conceptual Design Group Manager)

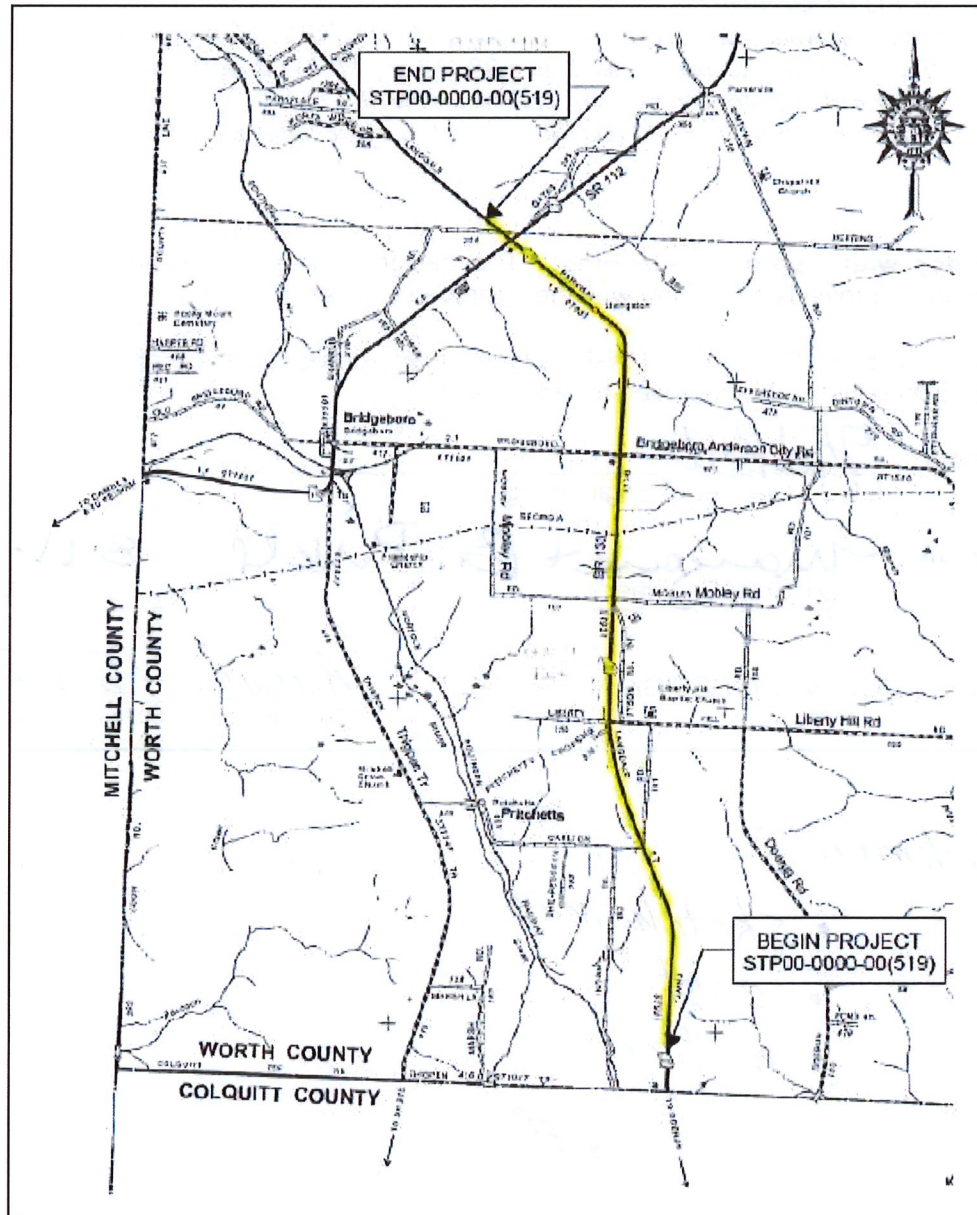
Attachments:

- sketch map
- cost
- notice

KLP



## LOCATION MAP



**Project:** STP00-0000-00(519)    **P.I. No.:** 0000519

**Description:** Widening of SR 133 from 2,000 feet north of the Colquitt/Worth County line to 1,500 feet north of SR 112 in Worth County

- Construction Cost Estimate

Job ID: 0000519

Detailed Cost Estimate

Time Processed: May-17-2017 02:45:49 PM

JOB NUMBER: 0000519

FED/STATE STP00-0000-00(519)

PROJECT

NUMBER:

SPEC YEAR: 13

ITEM ALL\_2018Q4\_24MO

HISTORY: SR133 FM NORTH OF COLQUITT COUNTY LINE TO NORTH OF SR 112

ASSIGNED OFFICE OF ROADWAY DESIGN

CONTROL

GROUP:

ITEMS FOR JOB 0000519

0010 - ROADWAY ITEMS

Line Number	Item	Quantity	Units	Price	Description	Amount
0005	550-1180	11140.00	LF	\$32.54805	STM DR PIPE 18,H 1-10	\$362,585.28
0010	550-1240	1420.00	LF	\$44.13441	STM DR PIPE 24,H 1-10	\$62,670.66
0015	550-1300	710.00	LF	\$51.95643	STM DR PIPE 30,H 1-10	\$36,889.07
0020	550-1360	710.00	LF	\$69.69654	STM DR PIPE 36,H 1-10	\$49,484.54
0025	550-4218	46.00	EA	\$580.45565	FLARED END SECT 18 IN. ST DR	\$26,700.96
0030	550-4224	24.00	EA	\$732.17206	FLARED END SECT 24 IN. ST DR	\$17,572.13
0035	550-4230	12.00	EA	\$838.54870	FLARED END SECT 30 IN. ST DR	\$10,038.58
0040	550-4236	12.00	EA	\$1,265.22975	FLARED END SECT 36 IN. ST DR	\$15,182.76
0045	668-2100	134.00	EA	\$2,373.82333	DROP INLET, GP 1	\$318,092.33
0050	550-2180	3040.00	LF	\$29.41723	SIDE DR PIPE 18,H 1-10	\$89,428.36
0055	550-2240	760.00	LF	\$32.93187	SIDE DR PIPE 24,H 1-10	\$25,028.22
0060	550-3618	122.00	EA	\$469.48043	SAFETY END SECTION 18,SD,6:1	\$59,716.61
0065	550-3624	32.00	EA	\$700.00000	SAFETY END SECTION 24,SD,6:1	\$22,400.00
0075	402-3121	9782.00	TN	\$70.99330	RECYL AC 25MM SP,GP1/2,BM&HL	\$694,456.46
0080	402-3190	8584.00	TN	\$76.88359	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$659,968.74
0085	402-3130	6412.00	TN	\$84.05782	RECYL AC 12.5MM SP,GP2,BM&HL	\$538,978.74
0090	413-0750	13500.00	GL	\$2.83000	TACK COAT	\$38,205.00
0095	318-3000	840.00	TN	\$27.38699	AGGR SURF CRS	\$23,005.07
0100	641-1200	5700.00	LF	\$16.61144	GUARDRAIL, TP W	\$94,885.21
0105	641-5001	16.00	EA	\$962.03704	GUARDRAIL ANCHORAGE, TP 1	\$15,392.59
0110	641-5012	16.00	EA	\$2,231.11855	GUARDRAIL ANCHORAGE, TP 12	\$35,697.90
0115	150-1000	1.00	LS	\$850,000.00000	TRAFFIC CONTROL - STP00-0000-00(519)	\$850,000.00
0120	153-1300	1.00	EA	\$96,074.68000	FIELD ENGINEERS OFFICE TP 3	\$96,074.68
0125	201-1500	1.00	LS	\$3,500,000.00000	CLEARING & GRUBBING - STP00-0000-00(519)	\$3,500,000.00
0130	634-1200	180.00	EA	\$112.33666	RIGHT OF WAY MARKERS	\$20,220.60
0135	632-0003	2.00	EA	\$8,054.84253	CHANGEABLE MESS SIGN,PORT,TP 3	\$16,109.69
0140	205-0001	169547.00	CY	\$5.22054	UNCLASS EXCAV	\$865,126.90
0145	208-0002	182688.00	CY	\$7.43947	BORROW EXCAV, INCL MATL	\$1,359,101.90
0150	643-8200	4006.00	LF	\$1.52766	BARRIER FENCE (ORANGE), 4 FT	\$6,119.81
0155	441-3999	12500.00	LF	\$17.12233	CONCRETE V GUTTER	\$214,029.13
0395	310-5080	353653.00	SY	\$13.53872	GR AGGR BS CRS 8IN INCL MATL	\$4,788,008.94
0400	430-0200	317127.00	SY	\$42.50000	PLN PC CONC P/MT/CL1C/ 10 TK	\$13,477,897.50
0405	310-5100	17528.00	SY	\$17.82883	GR AGGR BS CRS 10IN INCL MATL	\$312,503.73
0410	310-5080	42046.00	SY	\$10.86304	GR AGGR BS CRS 6IN INCL MATL	\$456,747.38
ROADWAY ITEMS Total						\$29,178,119.69

0020 - SIGNING/MARKING

Line Number	Item	Quantity	Units	Price	Description	Amount
0160	636-1020	760.00	SF	\$14.23863	HWY SGN,TP1MAT,REFL SH TP3	\$10,821.36
0165	636-1033	1710.00	SF	\$16.60002	HWY SIGNS, TP1MAT,REFL SH TP 9	\$28,728.03
0170	636-1041	1140.00	SF	\$36.43979	HWY SIGNS,TP 2MAT,REFL SH TP 9	\$41,541.36
0175	636-2070	4340.00	LF	\$6.29043	GALV STEEL POSTS, TP 7	\$27,300.47
0180	636-2080	460.00	LF	\$9.48491	GALV STEEL POSTS, TP 8	\$4,363.06
0185	654-1001	110.00	EA	\$4.78069	RAISED P/MT MARKERS TP 1	\$523.68
0190	654-1003	1010.00	EA	\$5.11675	RAISED P/MT MARKERS TP 3	\$5,167.92
0195	653-0120	61.00	EA	\$75.54184	THERM P/MT MARK, ARROW, TP 2	\$4,608.05
0200	653-0170	12.00	EA	\$115.71149	THERM P/MT MARK, ARROW, TP 7	\$1,388.54
0205	653-0210	8.00	EA	\$107.19706	THERM P/MT MARK, WORD , TP 1	\$857.58



Line Number	Item	Quantity	Units	Price	Description	Amount
0210	653-6004	2850.00	SY	\$4.23175	THERM TRAF STRIPING, WHITE	\$12,060.49
0215	653-1501	88132.00	LF	\$0.28153	THERMO SOLID TRAF ST 5 IN, WHI	\$24,811.80
0220	653-1502	88132.00	LF	\$0.35986	THERMO SOLID TRAF ST, 5 IN YEL	\$31,715.18
0225	653-1704	3040.00	LF	\$6.33593	THERM SOLID TRAF STRIPE 24 WH	\$19,261.23
0230	653-3501	80120.00	GLF	\$0.23176	THERMO SKIP TRAF ST. 5 IN, WHI	\$18,588.61
0235	636-5100	16.00	EA	\$149.75734	MILEPOST SIGNS	\$2,396.12
<b>SIGNING/MARKING Total</b>						<b>\$234,113.48</b>
<b>0030 - PERM EROSION CONTROL</b>						
Line Number	Item	Quantity	Units	Price	Description	Amount
0240	700-6910	120.00	AC	\$460.01660	PERMANENT GRASSING	\$57,601.99
0245	700-7000	360.00	TN	\$9.74121	AGRICULTURAL LIME	\$3,506.84
0250	700-8000	72.00	TN	\$664.51271	FERTILIZER MIXED GRADE	\$47,844.92
0255	700-8100	6000.00	LB	\$2.46854	FERTILIZER NITROGEN CONTENT	\$14,799.24
0260	163-0240	360.00	TN	\$193.63546	MULCH	\$69,708.77
0270	716-2000	25300.00	SY	\$1.10003	EROSION CONTROL MATS, SLOPES	\$27,830.76
0275	603-2024	1590.00	SY	\$53.50736	STN DUMPED RIP RAP, TP 1, 24	\$85,076.70
0280	603-7000	1590.00	SY	\$3.65984	PLASTIC FILTER FABRIC	\$5,819.15
0390	711-0100	4500.00	SY	\$3.50000	TURF REINFORCING MATTING, TP 1	\$15,750.00
<b>PERM EROSION CONTROL Total</b>						<b>\$327,938.37</b>
<b>0040 - TEMP EROSION CONTROL</b>						
Line Number	Item	Quantity	Units	Price	Description	Amount
0285	163-0232	60.00	AC	\$234.19131	TEMPORARY GRASSING	\$14,051.48
0290	700-8000	12.00	TN	\$623.90591	FERTILIZER MIXED GRADE	\$7,486.87
0295	163-0240	1920.00	TN	\$138.01301	MULCH	\$264,984.98
0300	163-0300	31.00	EA	\$1,613.82389	CONSTRUCTION EXIT	\$50,028.54
0305	165-0101	31.00	EA	\$661.40324	MAINT OF CONST EXIT	\$20,503.50
0310	163-0503	130.00	EA	\$388.03359	CONSTR AND REMOVE SILT CONTROL GATE, TP 3	\$50,444.37
0315	165-0087	130.00	EA	\$74.57160	MAINT OF SILT CONTROL GATE, TP 3	\$9,894.31
0320	163-0520	1900.00	LF	\$16.39023	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	\$31,141.44
0325	163-0550	134.00	EA	\$184.05623	CONS & REM INLET SEDIMENT TRAP	\$24,663.53
0330	165-0105	134.00	EA	\$83.77671	MAINT OF INLET SEDIMENT TRAP	\$11,226.08
0335	167-1000	10.00	EA	\$365.37151	WATER QUALITY MONITORING AND SAMPLING	\$3,653.72
0340	167-1500	30.00	MO	\$1,039.23807	WATER QUALITY INSPECTIONS	\$31,177.14
0345	163-0527	92.00	EA	\$313.24170	CNST/REM RIP RAP CKDM, STN P RIPRAP/SN BG	\$28,818.24
0350	163-0528	12900.00	LF	\$4.54573	CONSTR AND REM FAB CK DAM - TP C SLT FN	\$58,639.92
0355	165-0041	7370.00	LF	\$1.59551	MAINT OF CHECK DAMS - ALL TYPES	\$11,758.91
0360	163-0531	15.00	EA	\$13,640.72506	CONSTR & REM SEDIMENT BASIN, TP 1, STA NO- 2 PER MILE	\$204,610.88
0365	165-0060	15.00	EA	\$1,248.01426	MAINT OF TEMP SEDIMENT BASIN, STA NO -	\$18,720.21
0370	171-0010	22100.00	LF	\$2.38543	TEMPORARY SILT FENCE, TYPE A	\$52,718.00
0375	171-0030	66100.00	LF	\$3.31932	TEMPORARY SILT FENCE, TYPE C	\$219,407.05
0380	165-0010	11050.00	LF	\$0.18471	MAINT OF TEMP SILT FENCE, TP A	\$2,041.05
0385	165-0030	33050.00	LF	\$0.24719	MAINT OF TEMP SILT FENCE, TP C	\$8,169.63
<b>TEMP EROSION CONTROL Total</b>						<b>\$1,124,139.85</b>

#### TOTALS FOR JOB 0000519

ITEMS COST:	\$30,864,311.38
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$30,864,311.38
CONTINGENCY PERCENT:	0.00%
ENGINEERING AND INSPECTION:	5.00%
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$32,407,526.96

File Location: Div of Preconstruction > CES

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distribution/retransmission of taking of any action in reliance upon the material in this document is strictly forbidden.

# **NOTICE OF LOCATION AND DESIGN APPROVAL**

## **WORTH COUNTY**

### **P. I. 0000519**

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: August 18, 2017.

This project consists of the widening and realignment of 7.55 miles segment of SR 133, which lies entirely inside Worth County, from the existing two lane road to a 2 lane divided highway. The project begins immediately north of the Colquitt County Line approximately 3 miles north of Doerun and ends 0.75 miles North of SR 112 approximately 2 miles north-east of Bridgeboro. The widening will consist mostly of adding a median and a two new lanes. Beginning at the southernmost part of the project the two new lanes will be built mostly to the east of the existing SR 133, while the existing SR 133 will be torn up and replaced, until approximately 0.44 miles south of the intersection of SR 133 and Bridgeboro Anderson Rd, at which point it will switch over to be the new lanes being built mostly on the western side of the existing SR 133. The speed limit will be 65 mph throughout the length of the project.

This project lies within Land District 8 and encompasses land in Land Lots 5, 42, 49, 50, 51, 88, 89, 97, 134, 135, 141, 142, 181, 182, and 183.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Derrick Wilkerson  
District 4 Area 5  
dwilkerson@dot.ga.gov  
2060 Newton Road  
Moultrie, GA 31788  
229-430-4198

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Kimberly Nesbitt  
State Program Delivery Administrator  
Attn: Christy Lovett  
clovett@dot.ga.gov  
Georgia Department of Transportation  
One Georgia Center, 25TH Floor  
Atlanta, Georgia 30308  
1-404-360-4824

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.



